

BUILDING DIVISION

PLAN CHECK NOTE

From: Building Plan Check

PCN #14

Previous Version: 12-10-02

Revised Date: 4-28-2008

Subject: Foundation Piers in Single Family Residence

Code reference:

2007 California Building Code

Purpose:

To provide direction to engineers regarding special inspections for foundation piers in Single Family Residence.

Findings:

Special inspection is not required for the concrete and reinforcing steel placement in piers built for single family dwellings, located on relatively flat sites, regardless of the concrete strength specified. Special inspection for the concrete will be required on lots with an average slope greater than 1:3 (1 vertical: 3 horizontal) and if the required strength of concrete exceeds 2500 psi. The building official may still require special inspection for unusual conditions on flat sites. The geotechnical engineer, if stipulated in the soil report, will still be required to observe earth work and pile placement regardless of site slope. In addition to the above, the requirements for reinforcement need only comply for provisions for minimum reinforcement for shrinkage and temperature and not necessarily the provisions of section 1809.5, if the lot meets the slope requirements as specified above.